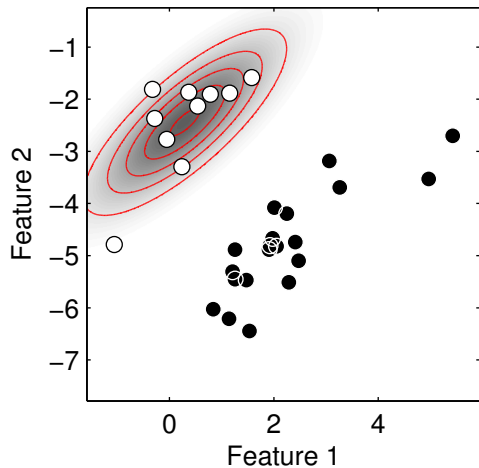
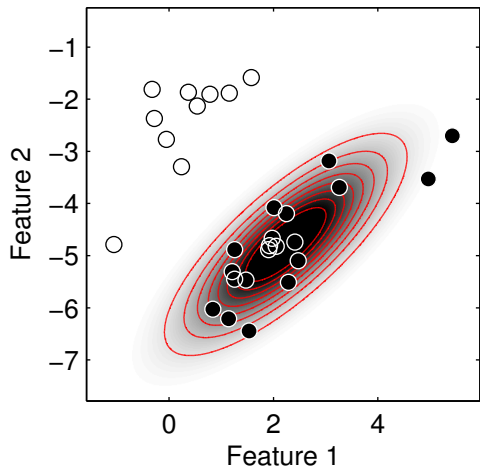


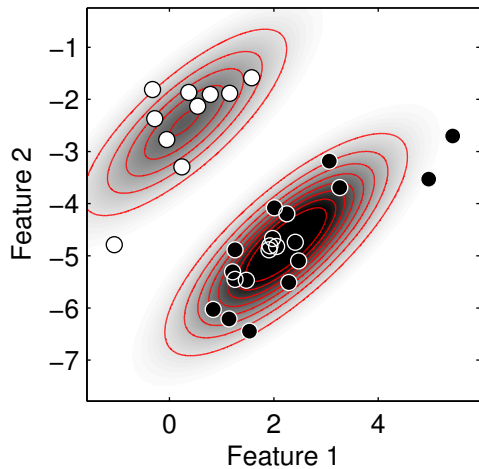
$$p(x, y=0) = p(x|y=0) p(y=0)$$



$$p(x, y=1) = p(x|y=1) p(y=1)$$



$$p(x) = p(x, y=0) + p(x, y=1)$$



$$p(y=0|x) = p(x, y=0)/p(x)$$

